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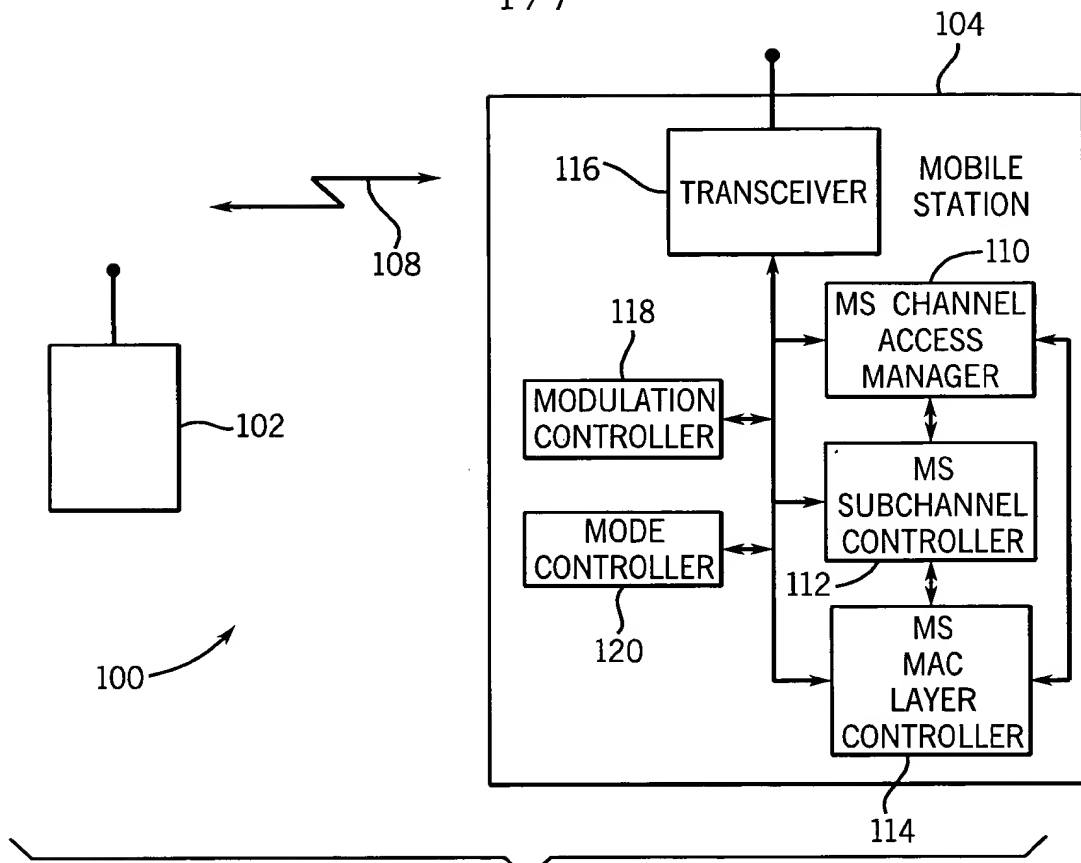


FIG. 1

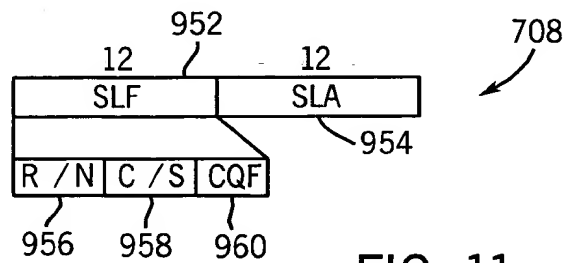
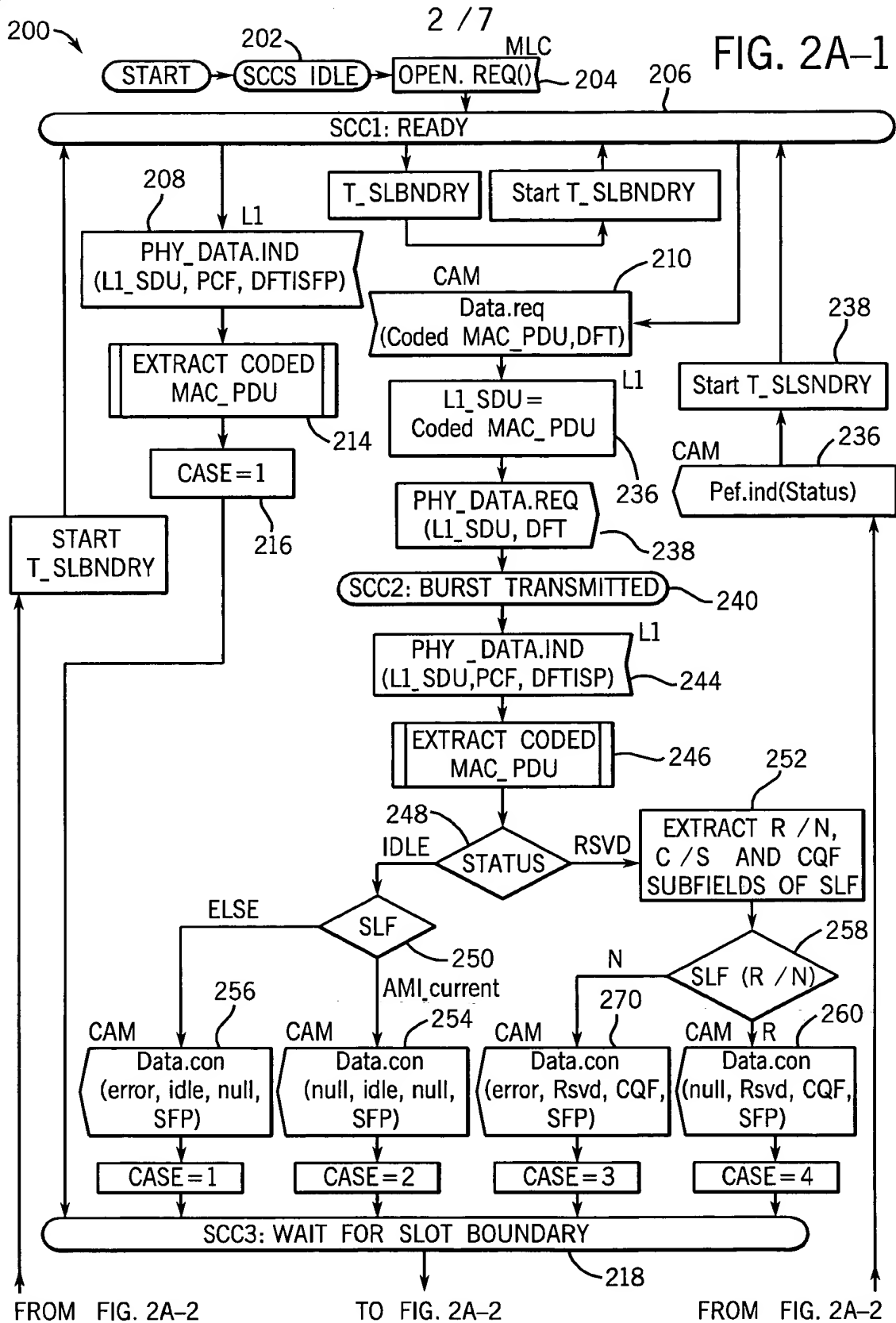


FIG. 11



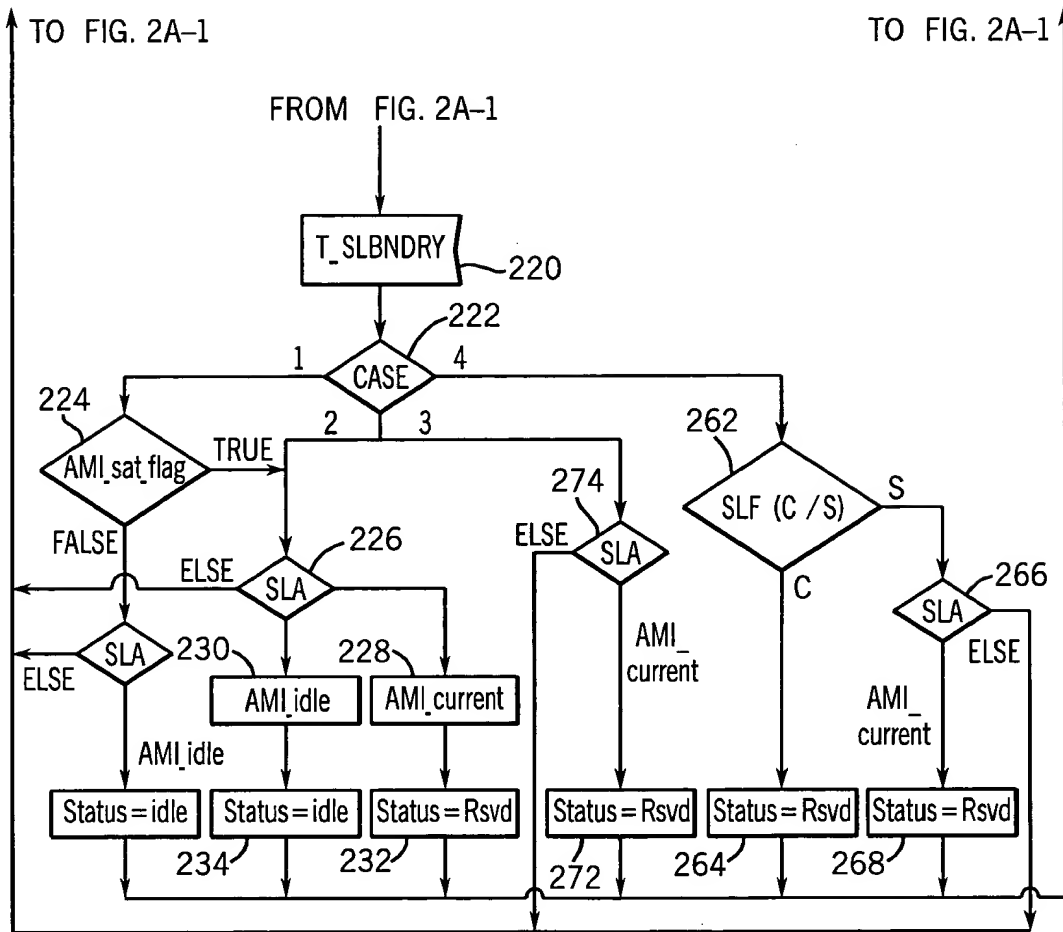


FIG. 2A-2

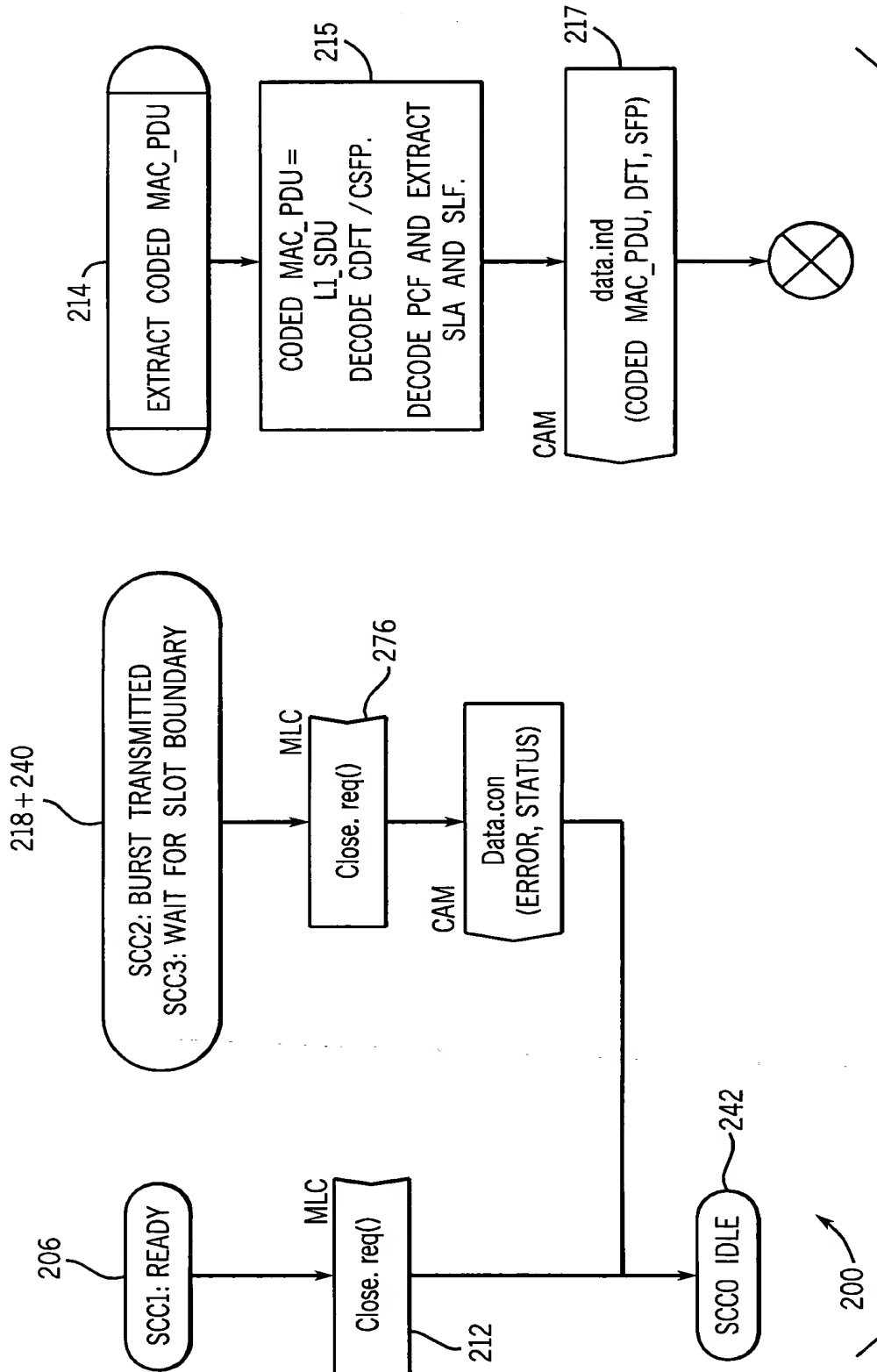


FIG. 2B



FIG. 3

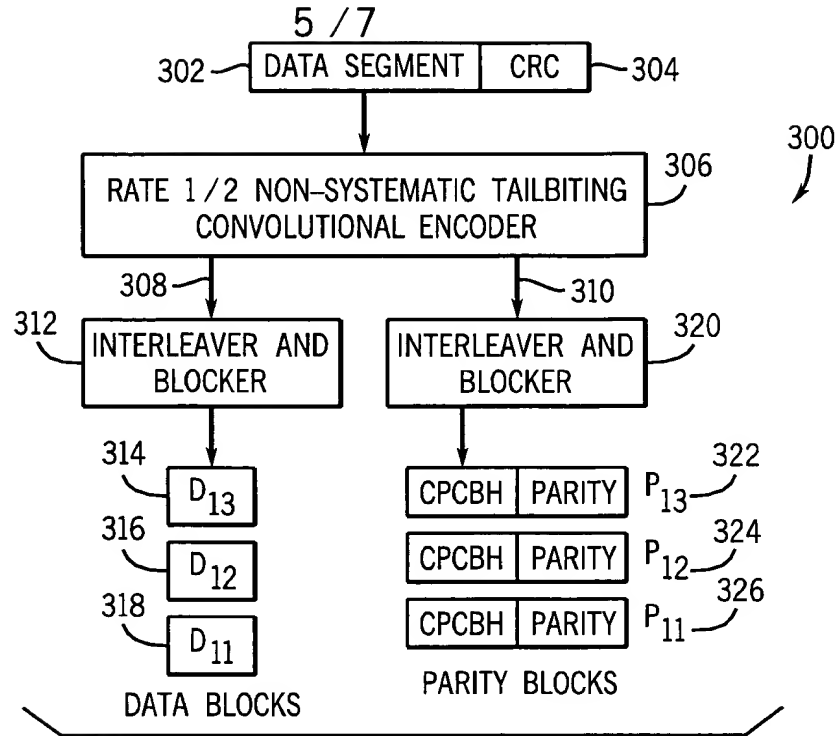


FIG. 4

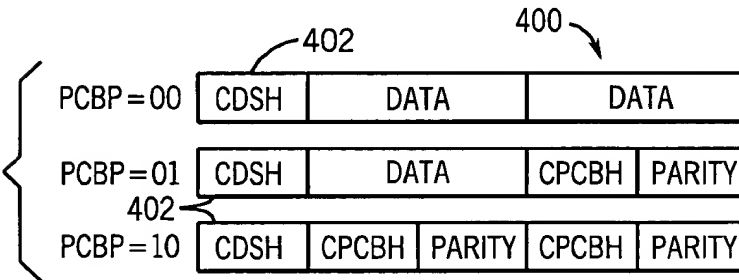


FIG. 5

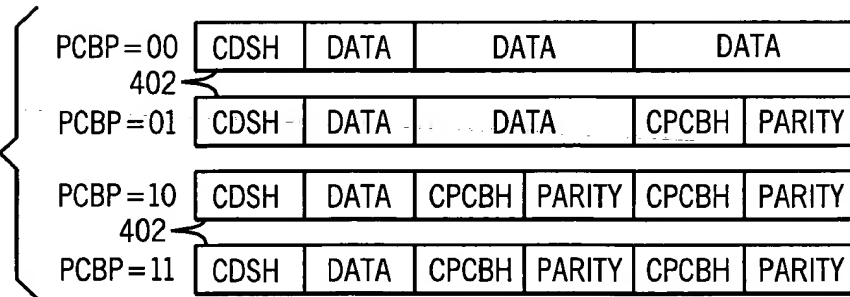
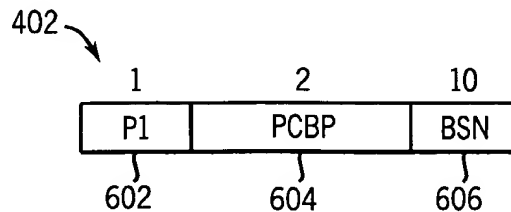


FIG. 6



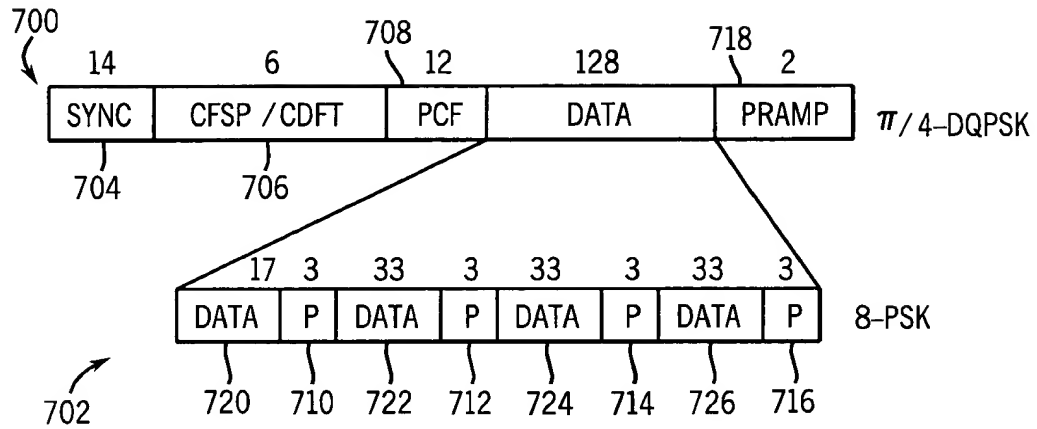


FIG. 7

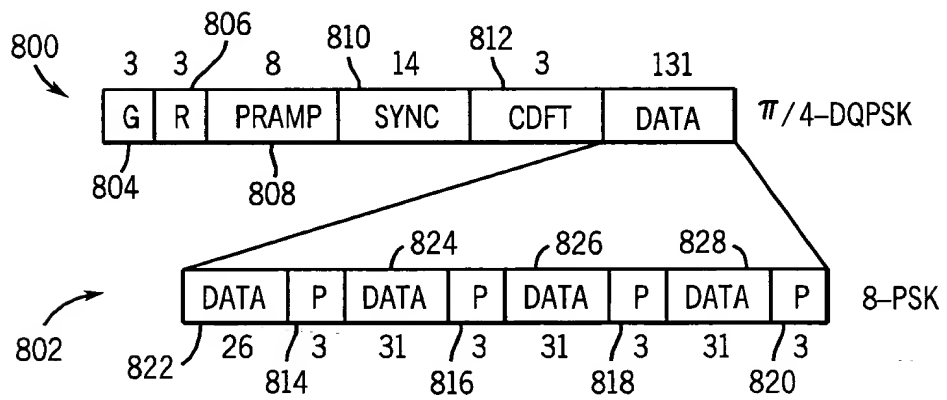


FIG. 8



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FIG. 9

DIRECTION	MODULATION	NUMBER OF 11 OCTET RLP SEGMENTS	PDU SIZE (BITS)	RATE 1/2 PUNCTURED CONVOLUTIONAL ENCODER OUTPUT (BITS)	PEAK TRIPLE RATE THROUGHPUT (KB / S)
DOWNLINK	$\pi/4$ -DQPSK	2	205	256	26.4
	8-PSK	3	293	348	39.6
	16-LEVEL	4	381	512	52.8
UPLINK	$\pi/4$ -DQPSK	2	205	262	26.4
	8-PSK	3	293	357	39.6
	16- LEVEL	4	381	524	52.8
UPLINK (ABBREVIATED)	$\pi/4$ -DQPSK	2	173	218	21.6
	8-PSK	3	245	291	32.4
	16-LEVEL	4	317	436	43.2

950

FIG. 10

DIRECTION	RLP SEGMENT SIZE (OCTETS)	CRC SIZE (BITS)	RLP BLOCK SIZE (BITS)	MODULATION	NUMBER OF RLP BLOCKS PER PDU	CDSH SIZE (BITS)	PDU SIZE (BITS)	PEAK TRIPLE RATE THROUGHPUT (KB / S)
DOWNLINK	37	16	104	$\pi/4$ -DQPSK	2	48	256	29.6
				8-PSK	3	36	348	44.4
				16-LEVEL	4	96	512	59.2
UPLINK	38	14	106	$\pi/4$ -DQPSK	2	50	262	29.7
				8-PSK	3	39	357	45.6
				16- LEVEL	4	100	524	59.4
UPLINK (ABBREVIATED)	30	15	85	$\pi/4$ -DQPSK	2	48	218	24
				8-PSK	3	36	327	36
				16-LEVEL	4	96	436	48